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DALE E. TIDRICK AND KATHEY MYERS

OCTOBER 1981

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## INTRODUCTION

This Technical Note supplements Naval Oceanographic Office Technical Note TN 3050-1-77. It includes all Technical Notes inadvertently left out of TN 3050-1-77 and also those produced since October 1977. Supplements will be issued annually.

For the first time, listings are included for Data Reports and Internal Documents, new categories of reports.

1975

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3440-08-75

Bottom Loss Provinces of the Oceans of the  
Northern Hemisphere (U), by R.E. Christensen  
and J.R. Boege, October 1975, 10 p. CONFIDENTIAL

1976

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- 3431-1-76 List of Naval Oceanographic Office Technical Notes, by Dale E. Tidrick, January 1976, 30 p.
- 3440-C5-76 Bottom Loss Measurements in the Caribbean Sea (U), by Acoustic Projects Division, April 1977. CONFIDENTIAL
- 3440-17-76 Techniques and Procedures used for MABS Deployment and Retrieval, by L. Franc, August 1977.

1977

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3007-1-77 Naval Oceanographic Office Data File Summary, by John C. Wilkerson, January 1977, 134 p.

3007-S1-77 Naval Oceanographic Office Data File Summary (U), by John C. Wilkerson, January 1977, 29 p. SECRET

3050-1-77 List of Naval Oceanographic Office Technical Notes, by Dale E. Tidrick and Ed Wilcox, October 1977, 41 p.

3431-01-77 Current Meter Data Report for Mona Passage, by M. Bourkland and S. Dorey, April 1977, 41 p.

3440-C1-77 Bottom Loss Measurements in the Gulf of Alaska and Bering Sea (U), by Acoustic Projects Division, October 1977. CONFIDENTIAL

3440-C3-77 Preliminary Acoustic Results from Aircraft Project #05-1-77 in the Mediterranean Sea (U), by Acoustic Projects Division, November 1977, 72 p. CONFIDENTIAL

3440-C5-77 Development of Homogeneous Acoustic Provinces for ASW Prediction Area Chart NP-7A (U), by C. Nelius, November 1977, 15 p. CONFIDENTIAL

3440-6-77 An Airborne Survey of the Thermal Structure Across the Subarctic - Subtropical Transition Zone in the Western North Pacific, by Robert R. Tittle, Jeffrey L. Kerling, and Eileen M. Maturi, November 1979, 19 p.

3440-7-77 Airborne Thermal Surveys in the Eastern North Pacific during Summer 77 (U), by Robert E. Tittle, August 1978.

3440-9-77 Airborne Ambient Noise Survey Techniques Employing Sonobuoys, by Charles B. Sproull II, March 1978.

3440-C10-77 A Data Base for Pac Ocean Survops-Summer 1977 USS SAFEGUARD (ARS-25), by Acoustic Projects Division, March 1978.

3440-12-77 Some Observations of Thermal and Sound Velocity Structures in the Eastern North Pacific, by Charles W. Senior, April 1978.

3440-C14-77 Bottom Loss in the Northern Indian Ocean (U), by John E. Allen and J.R. Boege, November 1977. CONFIDENTIAL

3440-15-77 Oceanographic Observation of the Subarctic - Subtropical Transition Zone in the Central North Pacific, by Ward Senior, April 1978.

3700-019-77 OCEAN SAFARI 77 Environmental/Acoustic Reconstruction (U) November 1977, 129 p. CONFIDENTIAL

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3700-020-77 OCEAN SAFARI 77 Combined Effort Environmental/Acoustic  
Reconstruction (U), November 1977, 110 p. CONFIDENTIAL

3700-65-77 Pattern Analysis for Location of Oceanic Fronts in  
Digital Infrared Satellite Imagery, by D.J. Gerson,  
October 1977.

3700-73-77 Recent Observations of the Alboran Sea Front, by  
R.E. Cheney, September 1977.

3700-75-77 Guide to Common Shipboard Expendable Bathythermograph  
(SXBT) Recording Malfunctions, by S.M. Kroner and  
B. Blumenthal, December 1977.

1978

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- 3005-1-78 Dissolved Trace Metals in Seawater, by Robert E. Pellenburg and Gerald M. Leone, February 1978, 21 p.
- 3143-01-78 Aircraft Observations of the Thermocline Structure in the Central Equatorial Pacific Ocean, by Jeffrey L. Kerling, May 1978, 15 p.
- 3420-01-78 Underwater Visibility Data Report for the Baltic Approaches, by W.E. Brown and B.T. Massey, February 1978.
- 3430-001-78 Northwest Pacific Bottom Temperatures, by C. Ostricher, March 1978.
- 3430-C1-78 Marine Biofouling Studies in Japan VI. Kure, Muroran, and Yoichi (U), by John R. DePalma, February 1978, 18 p.  
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- 3431-01-78 Current Meter Data Report for Observations Between Iceland and Norway During 1975 and 1976, by S. Dorey, February 1978, 193 p.
- 3432-01-78 An Introduction to the Use and Interpretation of Side Scan Sonar, by Carey Ingram, September 1978.
- 3440-C1-78 An Ambient Noise Section Across the Kuroshio Front (U), by E. Maturi, February 1978. CONFIDENTIAL
- 6320-1-78 Vector Averaging Current Meter Temperature Accuracy and Response Time Test, by Carlos R. Mayoral, April 1978.
- 3005-2-78 Attempts to Measure Current Shear From Unanchored Ship, by Quick Carlson, May 1978.
- 3143-02-78 Airborne Measurements of Short-term Omnidirectional Ambient Noise in the Eastern North Atlantic Ocean During OCEAN SAFARI 77 (U), by Jeffrey L. Kerling and Gabriel J. Potocsky, November 1978, 38 p. CONFIDENTIAL
- 3420-2-78 Environmental Support for SLMM Evaluations, October - December 1977, by H.D. Huddell.
- 3430-002-78 Station Locations for Continuously Sampled Oceanographic Data, by C. Ostricker, March 1978, 72 p.
- 3431-02-78 Moored Current Meter and Free Fall Pinger Measurements BARSTUR November - December 1977, by B. Bricker, March 1978.
- 3432-02-78 Sediment Interval Velocity Measurement from the USNS WILKES Surveys in the Indian Ocean, 1977-1978, by Geology and Geophysics Branch, December 1978.

3005-3-78 Bathyphotometric Measurements of Vertical Bioluminescence in the NE Atlantic During May 1977, by Adron F. Hall and Robert F. Staples, August 1978.

3431-03-78 Moored Current Meter Measurements BARSTUR IV, January 1978, by B. Bricker, March 1978, 13 p.

3005-4-78 Ocean Visibility Measurements During February and May 1977, by Quick Carlson and Timothy L. McBride, June 1978.

3431-04-78 Moored Current Meter Measurements BARSTUR, May 1978, by B. Bricker, July 1978, 4 p.

3005-5-78 Ocean Currents in the Pilot Survey Area, by Martial Car, August 1978.

3431-05-78 Analysis of Current Meter and SVSTD Data from the Norwegian Sea, by W. Teague, October 1978, 94 p.

3440-5-78 Field Data Report: Pac Ocean Survops Summer 1977 Phase I, by Acoustic Projects Division, January 1978.

3005-6-78 Conductivity, Temperature and Depth Measurements in the Eastern Atlantic, by Robert A. Peloquin, Harry Iredale and Richard Bolton, August 1978.

3440-6-78 Field Data Report: Pacific Ocean Survops Summer 1977 Phase II, by Acoustic Projects, January 1978.

3440-7-78 Field Data Report: Pacific Ocean Survops Summer 1977 Phase III, by Acoustic Projects Division, January 1978.

3440-C8-78 Ambient Noise Measurements in the Sardinia Straits (U), by Acoustic Projects Division, October 1978. CONFIDENTIAL

3440-S8-78 Volume Reverberation Measurements in the Barking Sands Underwater Ranger (U), by R. Christensen, F. Barter and D. Takacs, April 1978. SECRET

3700-008-78 A Brief Description of Acoustic Propagation in the Iceland-United Kingdom Gap (U), by R.A. Doblar, October 1978, 7 p. CONFIDENTIAL

3440-9-78 Modeling the Impact of Oceanographic Variability on Acoustic Propagation in the Western North Pacific, by A. D'Amico and L. Blumen, August 1978.

3440-C15-78 Preliminary Report of Low Frequency Shallow Water Transmission Loss in the Korean Strait (U), by J. Tomei, M. Bergin and J. Palumbo, July 1978. CONFIDENTIAL

3700-021-78 Automated Fleet Exercise Reconstruction with the Faroes-ICAPS/Loran System (U), by D.J. Gerson, February 1978, 71 p. CONFIDENTIAL

- 3700-76-78 Detailed Observations of the Kuroshio and its Eddies, October 1976, by B. Blumenthal and R.E. Cheney, January 1978.
- 3700-77-78 Validation Report FACT 9D on the UNIVAC 1108, by L.J. Fusillo, September 1978.
- 3700-78-78 Tracking a Kuroshio Cold Ring with a Free-Drifting Surface Buoy, by R.E. Cheney, June 1978.
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3420-01-79      Mine Warfare Acoustic Data Report (U), by B.A. Smith, January 1979, 164 p. CONFIDENTIAL

3432-1-79      Relocation of Mississippi Fish Havens with Side Scan Sonar and Loran-C, a Preliminary Report, by Carey Ingram, April 1979, 9 p.

3433-1-79      Calibration and Testing of the Harris Narrow Beam Echo Sounder (NBES) aboard USNS KANE, by William R. Johnson, May 1979, 39 p.

3440-C1-79      Bottom Loss Measurements in the Eastern North Pacific, by Acoustic Projects Division, March 1979.

5000-1-79      A FORTRAN Computer Program to Perform Goodness of Fit Testing on Empirical Data, by Sue Guthrie, June 1979, 105 p.

6220-1-79      Extended Transducer Test on 700 Class Survey Launch, by William F. Marshall and Miles J. Barnes, November 1979.

6300-1-79      Sound Velocity Accuracy Test of SIPPICAN Expendable Sound Velocimeter, by Carlos R. Mayoral and Melvin R. McIver, February 1979, 51 p.

7112-1-79      Data Report: Current on the Washington Shelf, by Lynn K. Shay and Stephen Lauber, December 1979, 103 p.

7210-1-79      Data Report: CTD Profiles in the Eastern Caribbean Sea, August 1978, by W. Teague, December 1979, 105 p.

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3431-2-79      CTD Measurements in the Eastern Caribbean Sea, August 1978, by W. Teague, August 1979, 24 p.

3440-C2-79      Bottom Loss Measurements in the Southeast North Pacific (U), by Acoustic Projects Division. CONFIDENTIAL

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6300-2-79      A Discussion of Salinity Computations as used by the Southeast Regional Calibration Laboratory of the Naval Oceanographic Office, by Carlos R. Mayoral, August 1979, 32 p.

6300-2-79A Addendum to 6300-2-79, by Carlos R. Mayoral, September 1979.

7112-2-79 Data Report: Currents on the Northern California Shelf, by Lynn K. Shay, Kenneth Sharp and Stephen Lauber, December 1979, 130 p.

3420-79-03 Nearshore Ecological Monitoring at the AUTECH Sites, Andros Island, Bahamas-Site 1 Rocky Intertidal Zone, by W.J. Bloodsworth, January 1979, 26 p.

3431-3-79 Data Report: Near Surface Currents West of Gibraltar, by O. Von Zweck, D. Hale and R. Wahi, August 1979, 57 p.

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3440-6-79 Airborne Environmental Survey in the Western North Atlantic during FOX II, June-July 1979, by R.L. Barrett, G.A. Gotthardt, and K. Petrick, September 1979, 44 p.

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3440-8-79 Temperature and Sound Velocity Profiles Derived From SXBT Sections through the Gulf Stream 26 and 29-30 June 1979, by K. Petrick and G.A. Gotthardt, December 1979, 60 p.

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3700-82-79 Alboran Sea 1977: Physical Characteristics and Atmospherically Induced Variations of the Oceanic Frontal System, March 1979, 24 p.

3700-82-79 Description of ICAPS Environmental Data Structure, by J. Lever, March 1979, 12 p.

3700-83-79 An Automated System for Digitizing Expendable Bathythermograph Traces, by D.L. Williams, June 1979, 16 p.

3700-84-79 Evaluation of the Integrated Command ASW Prediction System (ICAPS) Aboard the USS SARATOGA, by J. Heaton, June 1979, 7 p.

3700-85-79 Frontal Ocean Exercise One (FOX 1) Operational Summary (U),  
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9000-93-79 Correcting Satellite Images for Relative Distortion on a  
Real-time Basis (A Display Interactive System), by D.L.  
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5000-1-80      Catalog of Scientific or Technical Computer Programs, by  
Art Holsweissig, April 1980, 40 p.

6300-1-80      AXBT Temperature/TC Tests, by Pete Heuser and Alfred E. Gent,  
May 1980, 53 p.

7120-01-80      Mine Warfare Acoustic Data Report (U), D.S. Phlegar, J.S.  
Munson and R.W. Sandford, December 1979, 159 p. CONFIDENTIAL

7210-1-80      Data Report Upper Ocean Current Measurements in Sargasso Sea,  
by O. Von Zweck and R. Wahl, March 1980, 69 p.

7220-1-80      Sediment Interval Velocity Measurements in the Indian Ocean  
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7300-S1-80      Low Frequency Shallow Water Transmission Loss in the Korea  
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January 1980, SECRET

8100-01-80      Bathymetric Holding at Regional and B.C. Scale, March 1980.

8400-1-80      Hydrographic Airborne Laser Sounder (HALS) Implementation  
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6300-2-80      Sound Velocity Accuracy Test of SIPPICAN Expendable Sound  
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7220-2-80      Indian Ocean Geological, Geophysical and Oceanographic Data  
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9200-C4-80 Environmental and Tactical Significance of a Deep Expendable Bathythermograph (U), by Paul F. Moersdorf, February 1980, 23 p. CONFIDENTIAL

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7300-5-80 Procedures for the Transfer of Acoustic Bottom Loss Data to the UNIVAC 1108, by C. Wiederhold and J. Cloutier.

7120-S6-80 Mine Warfare Acoustic Data Report (U), by J.S. Munson and R.W. Sandford. SECRET

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7220-6-80 An Elementary Computer Algorithm for the Mathematical Computations in Wide Angle Bottom Reflection Analysis, by M.A. McGlaughlin and N.J. Le Tourneau, August 1980, 16 p.

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7210-12-80 The Fast and Easy Binary (FEB) Data File, by Z. Hallock, August 1980 29 p.

9100-C12-80 An Analysis of Acoustic Conditions during ASWEX 1-80 (U), by R.M. Partridge and R.M. Gorski, May 1980, 50 p. CONFIDENTIAL

7120-S13-80 Mine Warfare Magnetic Data Report (U), by D.L. Havener, July 1980. SECRET

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- 9100-1-81      Oceanographic Observations of the Somali Current During the  
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- 9100-2-81      Proposed Plan for Automatic Mapping of Surface and Subsurface  
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